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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Roger D. Benning, et al.

Case Benning 15-12-17-7

Serial No. 09/918392 Filed 7/30/01

Examiner Group Art Unit 2817

Title Symmetric Sweep Phase Sweep Transmit Diversity

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D. C. 20231

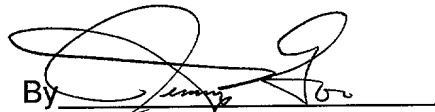
SIR:

ATTENTION: Patent Office Draftsperson

Transmitted herewith are four sheets of formal drawings to be substituted for the informal drawings initially filed in the above-identified application for patent.

No Additional fee is required. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Respectfully,
Roger D. Benning, et al.

By 
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Att:

4 Sheet(s) formal drawing

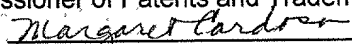
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Margaret Cardoso